

WHAT IS CLAIMED IS:

- 1 1. An electronic device comprising:
2 a cover coupled to a computing device, the cover comprising
3 at least one of a touch panel and a lighting system; and
4 a display coupled to the computing device and separate from
5 the cover.
- 1 2. The electronic device of Claim 1, wherein the cover
2 comprises both a touch panel and a lighting system.
- 1 3. The electronic device of Claim 1, wherein the cover is
2 coupled to the electronic device by at least one hinge.
- 1 4. The electronic device of Claim 3, wherein at least one wire is
2 coupled to the hinge for providing an electrical connection between the
3 cover and the computing device.
- 1 5. The electronic device of Claim 1, wherein the lighting system
2 comprises a light guide and a light source.
- 1 6. The electronic device of Claim 5, wherein the light source
2 comprises at least one light emitting diode.
- 1 7. The electronic device of Claim 5, wherein the light guide is
2 made of at least one of polymethyl methacrylate and polycarbonate.
- 1 8. The electronic device of Claim 5, further comprising a light
2 bar adjacent to the light guide.
- 1 9. The electronic device of Claim 5, wherein the computing
2 device includes a display and the light guide is configured to direct light
3 toward the display when the cover is positioned over the display.

1 10. The electronic device of Claim 1, wherein the touch panel is
2 an analog resistive touch panel.

1 11. The electronic device of Claim 1, wherein the touch panel
2 comprises a first sheet and a second sheet, wherein the first and second
3 sheets include a conductive coating.

1 12. The electronic device of Claim 11, wherein the conductive
2 coating comprises indium tin oxide.

1 13. The electronic device of Claim 1, wherein the display is a
2 flexible display.

1 14. The electronic device of Claim 1, wherein the display is one
2 of a reflective and a transfective display.

1 15. The electronic device of Claim 1, wherein the display is an
2 emissive display and the cover does not include a lighting system.

1 16. The electronic device of Claim 1, wherein the cover further
2 comprises a frame adjacent to the at least one of a touch panel and
3 lighting system.

1 17. A cover for a portable electronic device comprising:
2 a frame;
3 a touch panel coupled to the frame; and
4 a lighting system coupled to the frame and configured to
5 illuminate a display when the cover is positioned proximate the display.

1 18. The cover of Claim 17, wherein the cover is coupled to a
2 computing device housing.

1 19. The cover of Claim 17, wherein the display is coupled to a
2 computing device.

1 20. The cover of Claim 17, wherein the display is a flexible
2 display.

1 21. The cover of Claim 20, wherein the flexible display
2 comprises at least one fold line dividing the flexible display into at least
3 two display sections.

1 22. The cover of Claim 17, wherein the lighting system
2 comprises a light guide and a light source.

1 23. The cover of Claim 22, wherein the light source comprises at
2 least one light emitting diode.

1 24. The cover of Claim 22, wherein the portable electronic
2 device includes a display and the light guide is configured to direct light
3 toward the display when the cover is positioned proximate the display.

1 25. The cover of Claim 17, wherein the touch panel is an analog
2 resistive touch panel comprising a first sheet and a second sheet.

1 26. The cover of Claim 25, wherein at least one of the first and
2 second sheets include a conductive coating.

1 27. The cover of Claim 26, wherein the conductive coating
2 comprises indium tin oxide.

1 28. A portable electronic device comprising:
2 a computing device having a housing and a display fixably
3 attached to the housing;

4 a cover panel having a frame and rotatably coupled to the
5 housing and movable between a first position and a second position;
6 a lighting assembly coupled to the frame; and
7 a touch panel coupled to the frame;
8 wherein the lighting assembly and touch panel are located
9 proximate at least a portion of the display in the second position.

1 29. The portable electronic device of Claim 28, wherein the
2 display panel is at least one of a reflective, a transfective, and an
3 emissive display.

1 30. The portable electronic device of Claim 28, wherein the
2 display panel is a foldable display that is movable between a collapsed
3 and an expanded position.

1 31. The portable electronic device of Claim 28, wherein the
2 cover panel is coupled to the computing device by at least one hinge.

1 32. The portable electronic device of Claim 28, further
2 comprising means for providing an electrical connection between the
3 computing device and at least one of the lighting assembly and the touch
4 panel.

1 33. The portable electronic device of Claim 28, wherein the
2 lighting assembly comprises a light guide and at least one light emitting
3 diode.

1 34. The portable electronic device of Claim 33, wherein the light
2 guide is configured to direct light toward at least a portion of the display
3 when the cover panel is positioned over the display.

1 35. The portable electronic device of Claim 28, wherein the
2 touch panel is an analog resistive touch panel.

1 36. The portable electronic device of Claim 28, wherein the
2 touch panel comprises a first layer and a second layer, wherein the first
3 and second layers include a conductive coating.

1 37. The portable electronic device of Claim 36, wherein the
2 conductive coating comprises indium tin oxide.

1 38. A method for using a portable electronic device comprising:
2 positioning a cover adjacent to at least a portion of a display
3 attached to a computing device, the cover comprising a touch panel and a
4 lighting assembly;
5 illuminating at least a portion of the display; and
6 entering information into the computing device using the
7 touch panel.

1 39. The method of Claim 38, wherein the display is a flexible
2 display.

1 40. The method of Claim 39, wherein the flexible display is
2 configured to provide a large form factor display.

1 41. The method of Claim 39, further comprising expanding the
2 flexible display.

1 42. The method of Claim 38, wherein the step of positioning the
2 cover comprises rotating the cover about a hinge coupling the cover to
3 the computing device.

1 43. The method of Claim 38, wherein the lighting assembly
2 comprises a light guide and a light source.

1 44. The method of Claim 38, wherein the step of entering
2 information into the computing device comprises at least one of writing
3 and drawing.

1 45. The method of Claim 38, wherein the step of entering
2 information into the computing device comprises contacting the touch
3 panel using at least one of a pen, a stylus, and a fingertip.

20220926 100852